

ABSTRACT

[00105] An automated drive train is provided for a motor vehicle comprising a single friction clutch, which is actuatable by a first actuator. A step transmission connected to the output side of the friction clutch comprises wheel sets to engage and disengage forward gears. A plurality of partial load positive gear shift clutches are provided which each include a synchronization means and which are actuatable by means of second actuators for engaging and disengaging the gears. A controller is provided for controlling the actuators such that the drive train is controlled to carry out a gear change under one of the three possible modes (A, B, C) depending on the conditions of the gear change to be made, wherein the three possible modes (A, B, C) of gear changes take place with an opened (C), a closed (B) or with a slipping (A) friction clutch (Fig. 6).